



P.B.5816 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

**Europäisches
Patentamt**

Zweigstelle
in Den Haag
Recherchen-
abteilung

**European
Patent Office**

Branch at
The Hague
Search
division

**Office européen
des brevets**

Département à
La Haye
Division de la
recherche

Schmidt-Evers, Jürgen, Dipl.-Ing.
Patentanwälte
Mitscherlich & Partner,
Postfach 33 06 09
80066 München
ALLEMAGNE

10/698,014

RECEIVED
ERHALTEN

26. MRZ. 2004

Mitscherlich & Partner
Patent- u. Rechtsanwälte

Datum/Date

26.03.04

Zeichen/Ref./Réf.

P28964/EP-SE/on

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°

03024881.9-2119-

Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire

FURUKAWA CIRCUIT FOIL CO., LTD.

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 1

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
P, X	EP 1 331 088 A (CIRCUIT FOIL JAPAN) 30 July 2003 (2003-07-30) * page 4-5, paragraphs 29,32,36,43 * * page 5-6, paragraphs 44-47 * * page 11, line 50 * * page 9-10; examples 1,4-9 * X & WO 02 024444 A 28 March 2002 (2002-03-28) * abstract * ---	1,8,11, 12,18, 25-27 1-29	H05K3/02 H05K3/38 C25D5/12
X	EP 1 133 220 A (OLIN CORP) 12 September 2001 (2001-09-12) Y * abstract *	1,13,17, 18,25,26 2-16, 19-24, 28,29	
X	US 5 689 879 A (NAKASO AKISHI ET AL) 25 November 1997 (1997-11-25) Y * abstract *	1,8,17, 18,25-27 2-16, 19-24, 28,29	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	US 5 262 247 A (TANII YOSHINORI ET AL) 16 November 1993 (1993-11-16) * figures 3,4 * * column 4, line 15 - column 6, line 9 * * claim 1 * -----	1,12,18, 25,26	H05K C25D
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 22 March 2004	Examiner Haering, C
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 02 4881

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-03-2004

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1331088	A	30-07-2003	EP	1331088 A1	30-07-2003
			CN	1466517 T	07-01-2004
			WO	0224444 A1	28-03-2002
EP 1133220	A	12-09-2001	US	6346335 B1	12-02-2002
			US	2002160219 A1	31-10-2002
			CN	1323695 A	28-11-2001
			EP	1133220 A2	12-09-2001
			JP	2001301087 A	30-10-2001
			US	2001027922 A1	11-10-2001
			US	2002192486 A1	19-12-2002
US 5689879	A	25-11-1997	JP	2755058 B2	20-05-1998
			JP	5206599 A	13-08-1993
			US	5403672 A	04-04-1995
US 5262247	A	16-11-1993	JP	2111617 C	21-11-1996
			JP	3073338 A	28-03-1991
			JP	8018401 B	28-02-1996
			DE	69022775 D1	09-11-1995
			DE	69022775 T2	14-03-1996
			EP	0398721 A2	22-11-1990
			US	5114543 A	19-05-1992